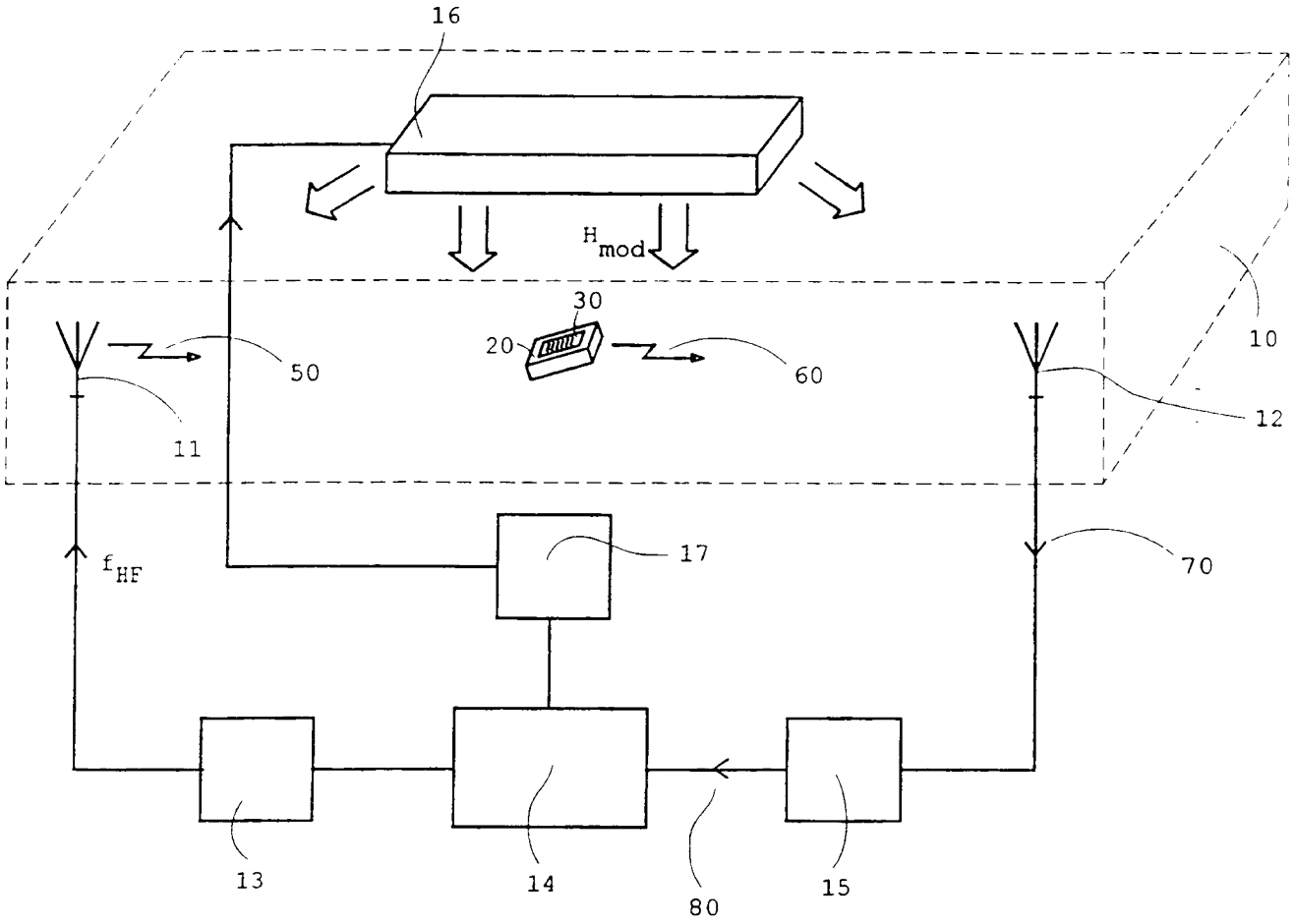

FIG 1

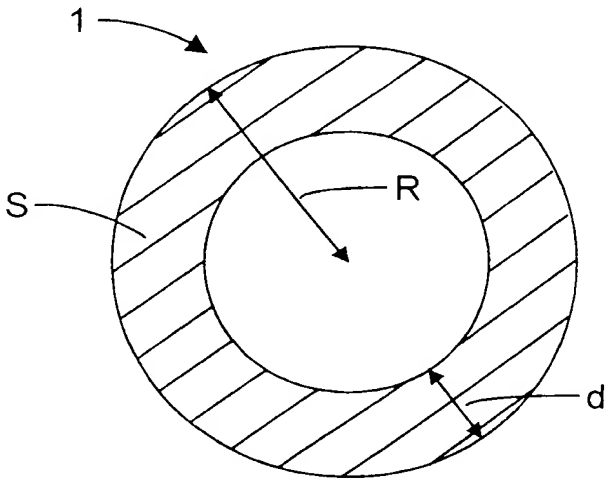
1
S
R
d

FIG 2

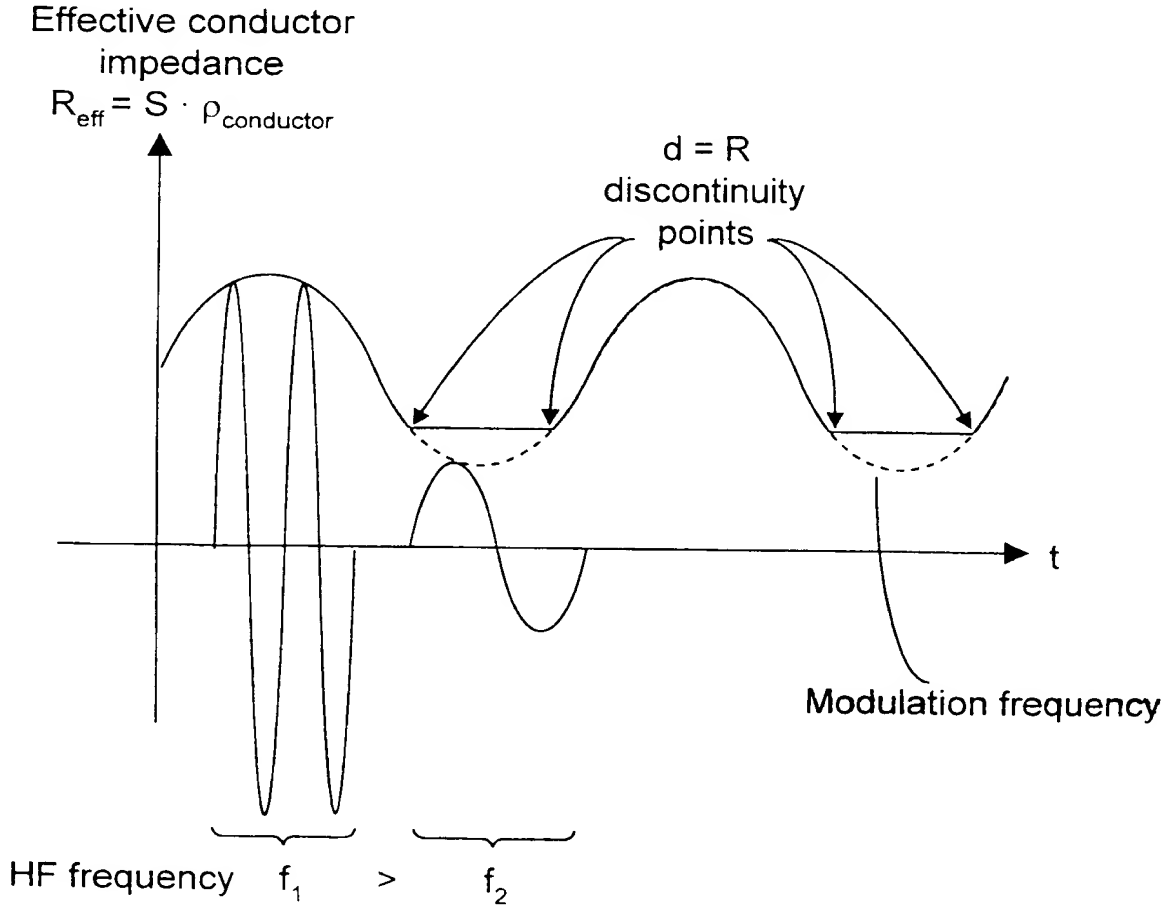
Effective conductor impedance
$R_{eff} = S \cdot \rho_{conductor}$
d = R discontinuity points
t
Modulation frequency
HF frequency f_1 > f_2

FIG 3

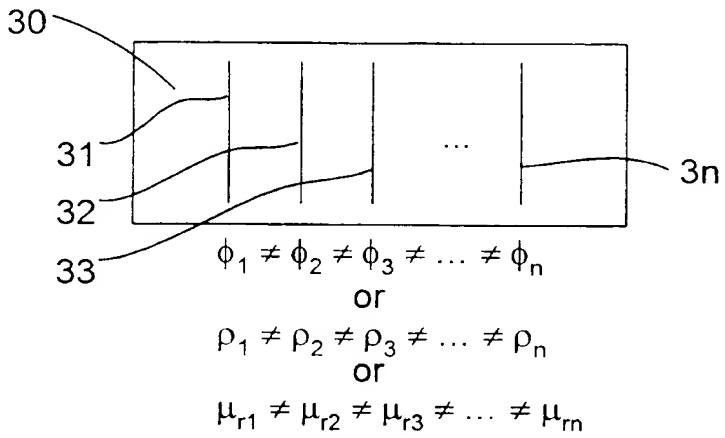
30
31
32
33
...
3n
$\phi_1 \neq \phi_2 \neq \phi_3 \neq \ldots \neq \phi_n$
or
$\rho_1 \neq \rho_2 \neq \rho_3 \neq \ldots \neq \rho_n$
or
$\mu_{r1} \neq \mu_{r2} \neq \mu_{r3} \neq \ldots \neq \mu_{rn}$

FIG 4

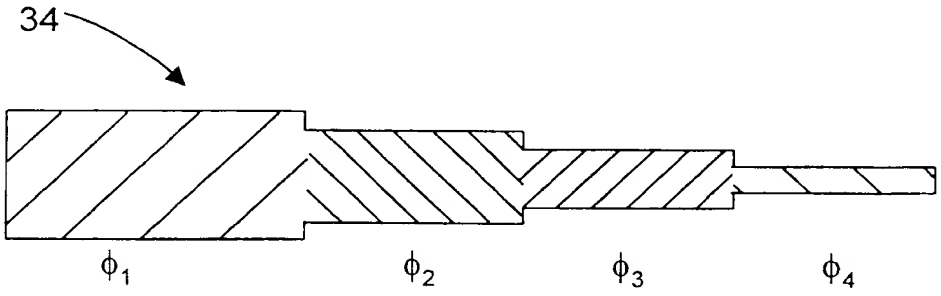
34
ϕ_1
ϕ_2
ϕ_3
ϕ_4

FIG 5

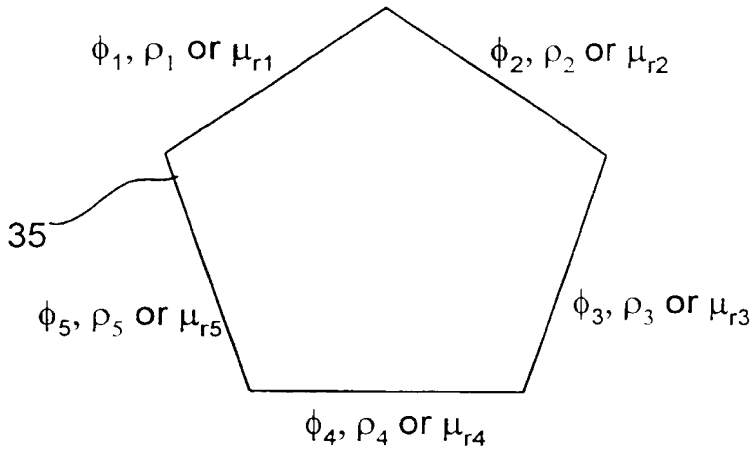
ϕ_1, ρ_1 or μ_{r1}
ϕ_2, ρ_2 or μ_{r2}
35
ϕ_5, ρ_5 or μ_{r5}
ϕ_3, ρ_3 or μ_{r3}
ϕ_4, ρ_4 or μ_{r4}

FIG 6

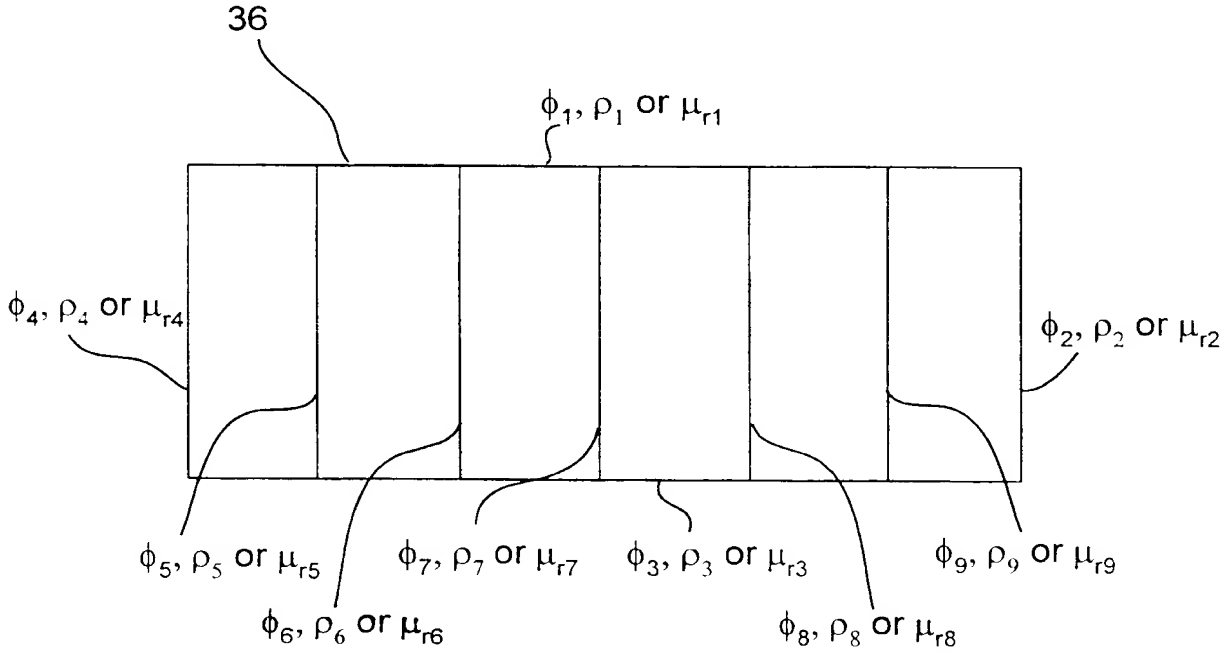
36
ϕ_1, ρ_1 or μ_{r1}
ϕ_4, ρ_4 or μ_{r4}
ϕ_2, ρ_2 or μ_{r2}
ϕ_5, ρ_5 or μ_{r5}
ϕ_7, ρ_7 or μ_{r7}
ϕ_3, ρ_3 or μ_{r3}
ϕ_9, ρ_9 or μ_{r9}
ϕ_6, ρ_6 or μ_{r6}
ϕ_8, ρ_8 or μ_{r8}

FIG 7